

824 Application Advice

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Notes:

This implementation of the ANSI ASC X12 824 Transaction Set is used by the Federal Government to provide application advice concerning trading partner registrations submitted to the Central Contractor Registration System.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	0100	ST	Transaction Set Header	M	1		
4	0200	BGN	Beginning Segment	M	1		
LOOP ID - N1						>1	
5	0300	N1	Name	O	1		
7	0800	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - OTI						>1	
9	0100	OTI	Original Transaction Identification	M	1		n1
13	0300	DTM	Date/Time Reference	O	2		n2
LOOP ID - TED						>1	
14	0700	TED	Technical Error Description	O	1		
16	0900	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

2. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.

Segment: ST Transaction Set Header**Position:** 0100**Loop:****Level:** Heading**Usage:** Mandatory**Max Use:** 1**Purpose:** To indicate the start of a transaction set and to assign a control number**Syntax Notes:**

- Semantic Notes:**
- 1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
 - 2** The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:**Data Element Summary**

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 Application Advice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to identify a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	

Segment: **BGN** Beginning Segment
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use to identify the unique reference number assigned to this 824 transaction set, not the transaction set that is being reported.</i>	M AN 1/50
M	BGN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <i>Use to identify the date this 824 transaction set was originated.</i>	M DT 8/8
Must Use	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8

Segment:	N1 Name
Position:	0300
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Address information is to be transmitted using only code values contained in a combination of N101, N103/N104 data elements.</i> 2. <i>There must be 2 iterations of the N1 loop in each transmission; one iteration to carry the name and address of the party transmitting the 824 transaction set and a second iteration containing the name and address of the party to whom the 824 transaction is being sent.</i> 3. <i>The name and address of each party will be conveyed by use of code N103/04.</i>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	
			<i>Use to indicate the entity sending the transaction set.</i>	
		TO	Message To	
			<i>Use to indicate the entity to whom the transaction set is being sent.</i>	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
			<i>Use of the DUNS or DUNS+4 number is preferred over any other coded number to identify an entity.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			<i>Use of the DUNS or DUNS+4 number is preferred</i>	

over any other coded number to identify an entity.

N104	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		

Segment: **PER** Administrative Communications Contact
Position: 0800
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *When N101 is code FR, use to identify a contact to whom inquiries regarding this transaction set should be directed.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AL Alternate Contact	
		Person to be contacted when the main contact is not available	
		<i>Use to indicate an alternate party to whom inquiries regarding this transaction set should be directed.</i>	
		EA EDI Coordinator	
		<i>Use to indicate the primary party to whom inquiries regarding this transaction set should be directed.</i>	
	PER02	93 Name	O AN 1/60
		Free-form name	
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 60 characters. Instead, truncate the first name or use the initial of the first name.</i>	
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		EX Telephone Extension	
		FX Facsimile	
		IT International Telephone	
		TE Telephone	

Use to indicate the commercial telephone number of the party cited in the PER02.

PER04 364 Communication Number X AN 1/256

Complete communications number including country or area code when applicable

When PER03 is code TE, include the area code.

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER03. For example, if the PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an electronic mail address.

EM Electronic Mail

EX Telephone Extension

Use only if PER03 is code TE.

FX Facsimile

IT International Telephone

TE Telephone

Use to indicate the commercial telephone number of the party cited in the PER02.

PER06 364 Communication Number X AN 1/256

Complete communications number including country or area code when applicable

When the PER05 is code TE, include the area code.

Segment:	OTI Original Transaction Identification
Position:	0100
Loop:	OTI Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set. 2 OTI06 is the group date. 3 OTI07 is the group time. 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver. 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification. 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification. 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification. 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification. 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification. 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.
Comments:	1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.
Notes:	<i>Use this loop to identify the transaction set that is being reported and the action taken on that transaction set. Use multiple iterations of the OTI loop to report on more than one transaction set.</i>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	OTI01	110 Application Acknowledgment Code	M ID 1/2
		Code indicating the application system edit results of the business data	
		<i>Use to identify the action taken regarding the transaction set being reported in the same OTI loop.</i>	
		TA Transaction Set Accept	
		TR Transaction Set Reject	

M	OTI02	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification <i>Use to indicate the unique reference number of the transaction set being reported.</i>		
			TN Transaction Reference Number <i>Use to indicate the transaction set reference number.</i>		
M	OTI03	127	Reference Identification	M	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>When the OTI10 is code 838, cite the number in the BTP02 of the 838 transaction set.</i>		
	OTI08	28	Group Control Number	X	N0 1/9
			Assigned number originated and maintained by the sender <i>Use to identify the number cited in GS06 of the functional group in which the reported transaction was transmitted.</i>		
	OTI09	329	Transaction Set Control Number	O	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Use to identify the transaction set control number cited in the SE02 of the transaction set being reported.</i>		
Must Use	OTI10	143	Transaction Set Identifier Code	O	ID 3/3
			Code uniquely identifying a Transaction Set 838 Trading Partner Profile		
	OTI11	480	Version / Release / Industry Identifier Code	O	AN 1/12
			Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed <i>Each Federal and Department of Defense (DoD) Implementation Convention (IC) used by the Federal government has a unique identifier specified as follows:</i>		
			<i>I. For Federal and DoD ICs based on an ANSI ASC X12 transaction set:</i>		
			<i>Positions 1 through 6: ANSI ASC X12 Version and Release number (e.g. 003010) upon which the IC is based.</i>		
			<i>Position 7: Organizational Scope F = Federal</i>		

	<p><i>D = DOD</i></p> <p><i>G = Government (transitional)</i></p>
Positions 8 through 10:	Transaction Set Identifier Code (e.g. 850).
Position 11:	<p>Variant: A character used to differentiate between different functional implementations of the same transaction set.</p> <p><i>If the convention is not a variant, an underscore (_) will appear in this position.</i></p>
Position 12:	A sequential number starting with 0 and incremented by 1 each time the implementation convention is revised.
<p><i>An example of the Version/Release/Industry Identifier Code for revision 1 of the Federal specific IC for the X12 Version 003050 Commercial Invoice (810C) transaction set is 003050F810C1.</i></p>	
2. For Federal and DoD ICs based on a UN/EDIFACT message:	
Positions 1 through 3:	UN/EDIFACT Version number (e.g. 921, 97A) upon which the IC is based.
Position 4:	<p>Organizational Scope</p> <p><i>F = Federal</i></p> <p><i>D = DOD</i></p> <p><i>G = Government (transitional)</i></p>
Positions 5 through 10:	Message Identifier Code (e.g. ORDERS).
Position 11:	<p>Variant: A character used to differentiate between different functional implementations of the same message.</p> <p><i>If the convention is not a variant, an underscore (_) will appear in this position.</i></p>
Position 12:	A sequential number starting with 0 and incremented by 1 each time the

implementation convention is revised.

An example of the Version/Release/Industry Identifier Code for revision 1 of the Federal specific IC for the UN/EDIFACT Version 97A Purchase Order (ORDERS) message is 97AFORDERS_1.

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Segment: **DTM** **Date/Time Reference**

Position: 0300

Loop: OTI Mandatory

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use this segment to identify the creation date of the referenced transaction set being reported.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>ID</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		097 Transaction Creation	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
		<i>When OTI10 is code 838, cite the date from BTP08 of the 838 transaction set.</i>	
Must Use	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

Segment:	TED Technical Error Description
Position:	0700
Loop:	TED Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:	
Semantic Notes:	
Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes:	<p>1. Use this segment to identify errors within the reported transaction set.</p> <p>2. Use multiple repetitions of this segment to identify multiple errors within the reported transaction set.</p>

Data Element Summary				
Ref.	Data	Name	Attributes	
<u>Des.</u>	<u>Element</u>			
M	TED01	647 Application Error Condition Code	M	ID 1/3
		Code indicating application error condition		
		006 Duplicate		
		007 Missing Data		
		847 Closed/Non-Existent Account Number		
		<i>Use to indicate an erroneous DUNS number.</i>		
		DTE Incorrect Date		
		The reported date is incorrect (e.g. premature date for transaction or non-existent date such as February 30)		
		INC Incomplete Transaction		
		Optional Element(s) required by the application are missing		
		ZZZ Mutually Defined		
		<i>Use to indicate an erroneous TIN number.</i>		
	TED02	3 Free Form Message	O	AN 1/60
		Free-form text		
	TED03	721 Segment ID Code	O	ID 2/3
		Code defining the segment ID of the data segment in error (See Appendix A - Number 77)		
		<i>Use to identify the segment containing the error.</i>		
	TED04	719 Segment Position in Transaction Set	O	N0 1/6
		The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1		
		<i>Use to identify the position of the segment within the transmission of</i>		

		<i>the transaction set containing an error, e.g., 15. This is read as the 15th segment transmitted.</i>	
TED05	722	Element Position in Segment	O N0 1/2
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	
		<i>Use to identify the segment position of the data element containing the error, e.g., 01 in the transmitted DTM segment, if that was the element in error.</i>	
TED06	725	Data Element Reference Number	O N0 1/4
		Reference number used to locate the data element in the Data Element Dictionary	
		<i>Use to identify the segment data element containing an error, e.g., 374.</i>	
TED07	724	Copy of Bad Data Element	O AN 1/99
		This is a copy of the data element in error	
		<i>Use to identify the erroneous content of the data element, e.g., 999.</i>	

Segment: **SE** Transaction Set Trailer
Position: 0900
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Use to transmit the same unique control number assigned by the originator of the transaction set, as the control number cited in ST02.</i>	